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PTO/SB/08A (05 (01) - MODIFIED Approved for use through 10/31/2002, OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

ļ	Substitute for form 1	1449A/F	ידס	Application Number	10/040,948
INITO	DMATION D	001	OCUDE	Filing Date	1/5/02
I .	RMATION DI			First Named Inventor	Steven Teig
			2107411	Group Art Unit	2812
(11	se as many sheets a	is neces	ssary)	Examiner Name	Stacy A. Whitmore
Sheet	1	of	1	Attorney Docket Number	SPLX.P0025

				U.S. PATENT DOCUMENT	·S	
Examinor* Initials	Cite No			Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Receptuit Passages or Relevant Figures Appear
Min	1.	2001/ 0003843	A1	Scepanovic et al.	06-14-01	
707	2.	4,615,011		Linsker	09-30-86	*****************
	3.	4,673,966		Shimoyama	06-16-87	
	4.	4.782,193		Linsker	11-01-88	** - ***** - * - * - *** - ** - ** - *
	5.	4,855.929		Nakajima	08-08-89	
	6.	5,097,422	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Corbin II et al.	03-17-92	
	7.	5,251,147		Finnerty	10-05-93	
	8.	5,281,151		Arima et al.	01-25-94	
	9.	5,360,948		Thornberg	11-01-94	
	10.	5,375,069		Satoh et al.	12-20-94	
	11.	5,532,934		Rostoker	07-02-96	
	12.	5,578.840		Scepanovic	11-26-96	
	13.	5,633,479		Hirano	05-27-97	
	14.	5,634,093		Ashida et al.	05-27-97	
	15.	5.636,125]	Rostoker et al.	06-03-97	
	16.	5,650,653		Rostoker et al.	07-22-97	
	17.	5,657,242		Sekiyama et al.	08-12-97	
	18.	5,723,908	!	Fuchida et al.	03-03-98	
	19.	5,742,086		Rostoker et al.	04-21-98	
	20.	5,757,656		Hershberger et al	05-26-98	
	21.	5,777,360		Rostoker et al.	07-07-98	
	22	5,811.863		Rostoker et al.	09-22-98	
	23.	5,822,214		Rostoker et al.	10-13-98	
1	24.	5,859,449		Kobayashi et al.	01-12-99	
1	25.	5,898,597	- 1	Scepanovic et al.	04-27-99	

Examiner Signature Date Considered 10/2/03

^{*} EXAMINER Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Substitute for form	1449A/F	PTO	Application Number	10/040,948
NEC.	201447101101		OCUPE	Filing Date	1/5/02
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Sheet	2	of	2	Attorney Docket Number	SPLX.P0025

I				U.S. PATENT DO	DCUMENTS
AV	26.	5,914,887		Scepanovic et al.	06-22-99
/ 3,	27.	5,973,376	1	Rostoker et al.	10-26-99
	28.	6.035,108	1	Kikuchi	03-07-00
	29.	6,058,254		Scepanovic et al.	05-02-00
1	30.	6,067,409		Scepanovic et al.	05-23-00
.	31.	6,068,662		Scepanovic et al.	05-30-00
	32.	6,123,736	1	Pavisic et al.	09-26-00
- 1	33.	6,134.702		Scepanovic et al.	10-17-00
	34.	6,155,725		Scepanovic et al.	12-05-00
	35.	6,175,950	B1	Scepanovic	01-16-01
	36.	6,216.252	B1	Dangelo et al.	04-10-01
1	37.	6,230,306	B1	Raspopovic et al.	05-08-01
	38.	6,247,167	B1	Raspopovic et al.	06-12-01
	39.	6,260,179	B1	Ohsawa et al.	07-10-01
	40.	6,262,487	B1	Igarashi et al.	07-17-01
	41.	6,289,495	B1	Raspopovic	09-11-01
	42.	6,301,686	B1	Kikuchi et al.	10-09-01
	43.	6.327,694	81	Kanazawa	12-04-01
1	44.	6,378,121	B2	Hiraga	04-23-02
	45.	6,385,758	B1	Kikuchi et al.	05-07-02
	46	6.401,234	B1	Alpert ot al.	06-04-02
1	47.	6,405,358	B1	Nuber	06-11-02
	48.	6,412,097	B1	Kikuchi et al.	06-25-02
	49.	6.412,102	B1	Andreev et al.	06-25-02
	50.	6,436,804	B2	Igarashi et al.	08-20-02
	51.	6,446.245	B 1	Xing et al.	09-03-02
1	52.	6,463,575	B1	Takahashi	10-08-02

Examiner Signature Date Considered 10/3/03

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Substitute for form 1449A/F	PTO	Application Number	10/040,948
INFORMATION DISCLA	OCUPE	Filing Date	1/5/02
INFORMATION DISCLE STATEMENT BY APPL	·	First Named Inventor	Steven Teig
OTTICINE!		Group Art Unit	2812
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Sheet 3 of	3	Attorney Docket Number	SPLX.P0025

4.4	U.S. PATENT DOCUMENTS	
53. 6,516,455	B1 Teig et al.	02-04-03
54. 2003/0025 205	A1 Shively	02-06-03

	FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite Fo		ent d Code (nown)*	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Courns, Lines. Where Relevant Passages of Relevant Figures Appear	т"
	55. JP	64-15947		Ouchi	01-19-89		
	56. JP	04000677		Fujiwara et al	01-1992		

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	Substitute for form	1449A/F	PTO	Application Number	10/040,948
4150	SDMATION D		OCUPE	Filing Date	1/5/02
	RMATION DI			First Named Inventor	Steven Teig
O/A	ILMCHI DI	A		Group Art Unit	2812
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Sheet	4	of	4	Attorney Docket Number	SPLX.P0025

1		NON PATENT LITERATURE DOCUMENTS	
Examiner*	Cite No	Include name of the author (in CAPITAL LETTERS), tille of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	Υ"
12	57.	A.H. Farrahi, et al., Quality of EDA CAD Tools: Definitions, Metrics and Directions, Quality Electronic Design, 2000, Proceedings of the first International Symposium on March 2000, pp 395-405.	
í	58.	B. Berger, et al., Nearly Optimal Algorithms and Bounds for Multilayer Channel Routing, Journal of the Association for Computing Machinery, pp. 500-542, March 1995.	
	59.	C. Chiang, et al., Wirability of Knock-Knee Layouts with 45° Wires, IEEE Transactions on Circuits and Systems, Vol. 38, Issue 6, pp 613-624, June 1991.	
	60.	G. Overtone, EDA Underwriter 2 Finding Space in a Multi-Layer Board, Electronic Engineering, Morgan- Grampian LTD, vol. 67, No. 819, pp 29-30.	
	61.	J. Su et al., Post Route Optimization for Improved Yield Using Rubber-Band Wiring Model, 1997 International Conference on Computer-Aided Design, pp 700-706, November 1997.	
	62.	J. Vicente, RSR: A New Rectilinear Steiner Minimum Tree Approximation for FPGA Placement and Global Routing, Proceedings of the 24" Euro Micro Conference, pp 192-195, August 1998.	
	63.	K. Powers et al., The 60° Grid: Routing Channels in Width d/square root 3, VLSI, 1991, Proceedings First Great Lakes Symposium on Kalamazoo, Ml. USA, pp 214-291, March 1991.	
	64.	M. Alexander et al., Performance-Oriented Placement and Routing for field-programmable gate arrays, Proceedings of the European Design Automation Conference, pp 80-85, 1995.	
	65	M. Alexander et al., Placement and Routing for Performance-Oriented FPGA Layout, VLSI Design. Vol. 7, No. 1, 1998.	
	66.	M. Igarashi et al A Diagonal-Interconnect Architecture and Its Application to RISC Core Design, 2002 IEEE Solid-Sate Circuits Conference, pp 210-460, February 2002.	
	67.	P. Dood, et al., A Two-Dimensional Topological Compactor with Octagonal Geometry, 28 th ACM/IEEE Design Automation Conference, pp 727-731, July 1991	
	68.	P. Parakh, et al., Congestion Driven Quadratic Placement, Proceedings of Design Automation Conference, 1998, pp 275-278.	
	69	R. Putatunda et al., VITAL: Fully Automatic Placement Strategies for Very Large Semicustom Designs, Proceedings of the International Conference on Computer Design: VLSI in Computers and Processors, pp 434-439 October 1988.	
	70.	S. Dutt, et al., Probability-Based Approaches to VLSI Circuit Partitioning, IEEE Trans. On Computer Aided Design of IC's and Systems, Vol. 19, No. 5, May 2000, pp 534-549.	
	71.	Y. Sakiyama et al., Timing-Oriented Routers for PCB Layout Dosign of High-Performance Computers, International Conference on Computer Aided Design, pp 332-335, November 1991.	
1	72.	C. Lelserson et al., Algorithm for Routing and Testing Routability of Planar VLSI Layouts, pp 69-78, May 1985.	

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Examiner Signature	D L	h	10	Date Considered	10/2/03
					

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Substitute for form 14	149A/PTO	Application Number	10/040,948
INFORMATION DIS	201 001105	Filing Date	1/5/02
INFORMATION DIS		First Named Inventor	Steven Teig
O TATEMENT BY A	11 1 210/11/	Group Art Unit	2812
(use as many sheets as	necessary)	Examiner Name	Stacy A. Whitmore
Sheet 5	of 5	Attorney Docket Number	SPLX.P0025

	1		NON PATENT LITERATURE DOCUMENTS
	NV	73	S. Das et a Channel Routing in Manhattan-Diagonal Model, 9 th International Conference on VLSI Design, January 1996, pp 43-48.
	1	74.	W. Wei-Ming Dai et a., Routability of a Rubber-Band Sketch. 28 th ACM/IEEE Design Automation Conference, 1991, pp 45-65.
		75.	H. Chen, Routing L-Shaped Channels in Nonslicing-Structure Placement. 24 th ACM/IEEE Design Automation Conference, pp. 152-165, 1987.
		76.	I. Tollis, Techniques for Wiring in Non-Square Grids, pp 66-69. May 1989.
		77.	E. Lodi et al., A 2d Channel Router for the Diagonal Model, pp 111-125, April 1991.
	-	78.	E. Lodi et al., Routing in Times Square Mode, pp 41-48, June 1990.
		79.	K. Cheng-Kok et al., Manhattan or Non Manhattan? A Study of Alternative VLSI Routing Architectures. pp 47-52, 2000
		80.	E. Lodi et al., Rouling Multiterminal Nets in a Diagonal Model, pp 899-902, 1988.
<u> </u>		81.	D. Staepelaere et al., Surf. A Rubber-Band Routing System for Multichip Modules, pp 18-26, 1993.
		82	S. Das et al., Routing of L-Shaped Channels, Switch boxes and Staircases in Manhattan-Diagonal Model, pp 65-70m January 1998.
		83.	W. Schiele et al., A Gridless Router for Industrial Design Rule, 27th ACM/IEEE Design Automation Conference, pp 626-631, 1990.
L	1	84.	J. Nester, A New Look at Hardware Maze Routing, Proceedings of the 12th ACM Symposium on Great Lakes Symposium on VLSI, pp 142-147, April 2002.

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	Substitute for form	1449A/F	סוי	Application Number	10/040,948
			001105	Filing Date	1/5/02
	RMATION DI			First Named Inventor	Steven Teig
STATEMENT BY APPLICANT				Group Art Unit	
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Sheet	1	of	1	Attorney Docket Number	SPLX.P0025

			RELATED U.	S. PATENT DOCU	MENTS
Examiner Initials	Cite No.	U.S. Patent Document Number	Date of filing MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
NW	1.	2003/0079193	12-07-2001	Steven Teig et al.	Parent application; present application is a continuation of 2003/079193.
1	2.	2003/0018947	12-07-2001	Steven Teig et al.	Application filed on the same day as the parent application 2003/0079193, with the same specification as the present application except for summary and abstract.
	3	2002/0147958	10-19-2001	Steven Teig et al.	Parent application per the preliminary amendment dated 2/19/03.
	4.	2003/0063614	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	5.	2003/0064559	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	6.	2003/0063568	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	7.	2003/0101428	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	8.	2003/0043827	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	9.	2003/0023943	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	10.	2003/0066042	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193,
	11.	2002/0174412	01-07-2002	Steven Teig et al.	Continuation of 2003/0079193.
	12.	2003/0088844	01-07-2002	Steven Teig et al.	Continuation of 2003/0079193.
	13.	2002/0199165	01-13-2002	Steven Teig et al.	Continuation of 2003/0079193.
	14	2003/0066043	01-13-2002	Steven Teig et al.	Continuation of 2003/0088844 per preliminary amendment.
4	15.	2003/0115566	01-13-2002	Stoven Teig	Continuation of 2003/0088844 per preliminary amendment.
Y	16.	2003/0056187	01-14-2002	Steven Teig et at.	Another continuation of 2003/0079193.

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	Substitute for form	1449A/P1	го	Application Number	10/040,948
4156			OUDE	Filing Date	1/5/02
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STATEMENT BY ALL EIGHT				Group Art Unit	
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Sheet	2	of	2	Attorney Docket Number	SPLX.P0025

	RELATED U.S. PATENT DOCUMENTS							
1 17	2.003/0056044	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.				
18	. 2003/0066045	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.				
19	2002/0133798	12-06-2000	Steven Teig et al.	Application regarding related placement technology				
20	. 2002/0100007	12-06-2000	Steven Teig et al.	Application regarding related placement technology				
21	2002/0073390	12-13-2000	Steven Teig et al.	Application regarding related placement technology				
22	S/N 09/737,220	12-13-2000	Steven Teig et al.	Application regarding related placement technology				
23	. S/N 09/737,245	12-13-2000	Steven Teig et al	Application regarding related placement technology				
24	S/N 09/739,460	12-15-2000	Stevon Teig et al.	Application regarding related placement technology				
25	. 2002/0124231	12-15-2000	Steven Telg et al.	Application regarding related placement technology				
26	. S/N 09/739,589	12-15-2000	Steven Teig at al.	Application regarding related placement technology				
27	S/N 09/742,171	12-19-2000	Steven Teig et al.	Application regarding related placement technology				
28	2003/0121015	12-19-2000	Steven Teig et al.	Application regarding related placement technology				
29.	2002/0069397	01-13-2002	Steven Teig et al.	Application regarding related placement technology				
30.	2002/0170027	02-20-2002	Steven Toig et al.	Application regarding related placement technology				
31.	2002/0157075	02-20-2002	Steven Teig et al.	Application regarding related placement technology				
32.	2003/0088841	12-23-2002	Steven Teig et al.	Application regarding related placement technology				

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15150	DMATION D	1001	001155	Filing Date	1/5/02
	PRMATION DITEMENT BY			First Named Inventor	Steven Teig
JIA	STATEMENT BY AFFEIGANT			Group Art Unit	2812
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Sheet 1 of 1		Attorney Docket Number	SPLX.P0025		

	U.S. PATENT DOCUMENTS							
Examiner* Initials	Cite No.	U.S. Patent Document Number	AMA-DD-VVVV Applicant		Related Application Data			
NY	1.	2003/0101428 S/N 10/040,915	01-05-2002	Steven Teig et al.	Previously specified			
77	2.	2003/0043827 S/N 10/040,953	01-05-2002	Steven Teig et al.	Previously specified			
	3.	2003/0023943 S/N 10/040,954	01-05-2002	Steven Teig et al.	Previously specified			
	4.	2003/0066042 S/N 10/040,963	01-05-2002	Steven Teig et al.	Previously specified			
	5.	2002/0174412 S/N 10/041,942	01-07-2002	Steven Teig et al.	Previously specified			
	6.	2003/0088844 S/N 10/041,957	01-07-2002	Steven Teig et al.	Previously specified			
	7.	2002/0199165 S/N 10/046,864	01-13-2002	Steven Teig et al.	Previously specified			
	8.	2003/0056187 S/N 10/047,982	01-14-2002	Steven Toig et al.	Previously specified			
	9.	2002/0073390 S/N 09/737,210	12-13-2000	Steven Teig et al.	Previously specified			
	10.	2002/0124231 S/N 09/739,580	12-15-2000	Steven Teig et al.	Previously specified			
	11.	2003/0121015 S/N 09/745,067	12-19-2000	Steven Teig et al.	Previously specified			
	12.	2003/0088841 S/N 10/329,241	12-23-2002	Steven Teig et al.	Previously specified			
	13.	2003/0088845 S/N 10/047,978	01-13-2002	Steven Teig et al.	Continuation of the parent application (2003/0079193) of the present application.			
2	/14.	Preliminary Amendment for S/N 10/047,978	01-13-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088845 does not accurately reflect the claims of S/N 10/047,978.			

Examiner Signature	May	1	hles	Date Considered	10/0/03
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Translation is attached.
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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

^{*} FXAMINER Initial it reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number(optional) *See Kinds Codes of USPTO Patent Documents at www.uspto.gcm or MPEP 901.04 **Enter Office that issued the document, by the two-letter code (MIPO Standard ST 3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. **Applicant is to place a check mark here if English language Translation is attached.